



KHIE
KENTUCKY HEALTH
INFORMATION EXCHANGE

Hospital

Electronic Laboratory Reporting

The Kentucky Health Information Exchange (KHIE)
provides a service to automate reportable disease electronic
laboratory reporting (ELR) to the Kentucky Department for Public Health
(KDPH) in support of Eligible Hospital Stage 2 Meaningful Use

Per your Disease Surveillance Addendum; This service includes all reportable diseases covered under Kentucky Administrative Regulation 902 2:020, with the exception of Lead, Sexually Transmitted Diseases, HIV, and AIDS-associated laboratory reports.

What KHIE Needs

- ⇒ Executed KHIE Participation Agreement plus Disease Surveillance Addendum
- ⇒ Established Laboratory data feed containing HL7 2.5.1 ELR Standard Unsolicited Observation (ORU^R01) or Unsolicited Lab Observation (OUL^R21) messages from 2014 certified system
- ⇒ ELR Participant Registration Form requesting CLIA, 2014 certified system identified and Active or Passive Method, described below, identified
- ⇒ NIST Validation Report (valid message structure is essential prior to beginning onboarding, for you and your EHR partner's convenience, the NIST Message Validator Tool link is listed here, from the home page go to 'context-free' at top of page to enter message)

<http://hl7v2-elr-testing.nist.gov/mu-elr/>

How it Works

- ⇒ Above Prerequisites met
- ⇒ Eligible Hospitals can choose between:
 - **Active Surveillance:** KHIE monitors and automatically alerts KDPH as necessary. The EH transmits all laboratory result messages to KHIE. KHIE monitors the laboratory feed for ELR relevant to reportable disease based on rules developed by KDPH and KHIE. Identified messages are submitted to KDPH on a daily basis. *If not established, Standard Lab Feed will be onboarded prior to beginning ELR.
 - **Passive Monitoring:** Providers monitor and report to KDPH via KHIE. EH will flag laboratory result messages destined for KDPH by populating MSH-5 (Receiving Application) and MSH-6 (Receiving Facility) fields of laboratory result messages. KHIE receives, detects, and forwards the flagged messages to KDPH.
- ⇒ Onboarding begins

8/1/14

KENTUCKY
EHR INCENTIVE
PROGRAM



Kentucky
UNBRIDLED SPIRIT

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